

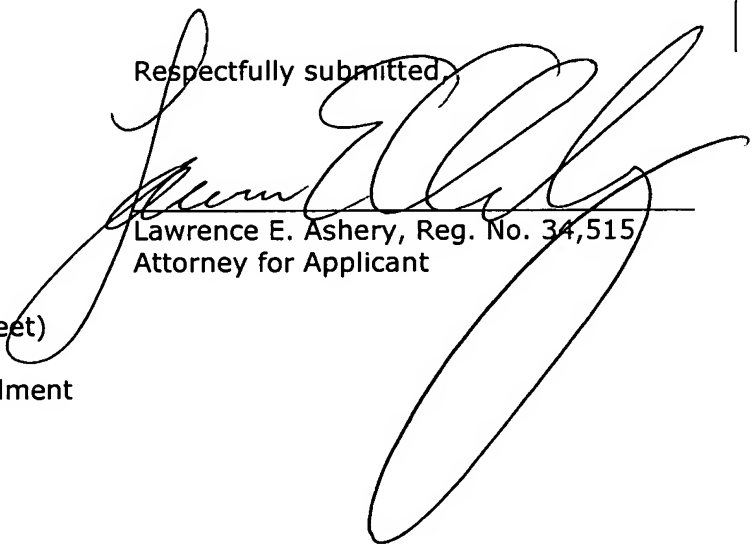
Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

ABSTRACT

An imaging system includes an imaging device ~~(12, 14, 15)~~ which outputs a plurality of digital signals each of which indicating an amount of light irradiating on a corresponding one of a plurality of pixels arranged in two dimensions, a pre-processor ~~(24)~~ which reduces an amount of data of the plurality of the digital signals output by the imaging device ~~(12, 14, 15)~~, a processor ~~(18-20)~~ which processes digital signals, a memory ~~(17)~~ which stores the digital signals, ~~an~~ and a memory controller ~~(16)~~ which stores the plurality of the digital signals output by the pre-processor ~~(24)~~ in the memory ~~(17)~~ and reads the plurality of the digital signals from the memory ~~(17)~~ to output the plurality of the digital signals to the processor ~~(18-20)~~.

Respectfully submitted,


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Attachments: Figures 28 (1 sheet)
Abstract
Article 34 Amendment

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KATHLEEN LIBBY